COMBINED DECLARATION AND POWER OF ATTORNEY

As.	a	below	named	inventor,	I	hereby	declare	that:
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[X .]	original
[]	divisional
[]	continuation
[]	continuation-in-part

This declaration is of the following type:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

ELECTRON BEAM LITHOGRAPHY SYSTEM HAVING IMPROVED ELECTRON GUN

SPECIFICATION IDENTIFICATION

The specification of which:

1 1	is attached hereto
[X]	was filed on January 22, 2002, under Serial No. 10/055,869, executed on even date herewith
or	
[] Exp	ress Mail No. @(as Serial No. not yet known)
	and was amended on (if applicable)
[]	was described and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19 on .

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[]	In	compliance	with	this	duty	there	is	attached	an	Information	Disclosure	Statement	in
accordar	ıce	with 37 CF	R §1.	98.									

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or any
foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at
least one country other than the United States of America listed below, and have also identified below any foreign
application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one
country other than the United States of America filed by me on the same subject matter having a filing date before
that of the application(s) of which priority is claimed.

applic count	cation(s) : ry other t	try other than the United States of Art for patent or inventor's certificate of han the United States of America file lication(s) of which priority is claimed	r any PCT international ap ed by me on the same subject	plication(s) designating at least one
	[]	No such applications have been fil	ed.	
	[X]	Such applications have been filed a	as follows:	·
Α.	Prior and a	foreign/PCT application(s) filed wing priority claims under 35 U.S.C.	ithin 12 mos. (6 mos. for §119	design) prior to this application,
Coun	itry/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign application(s), if any, filed mo	re than 12 mos. (6 mos fo	r design) prior to this
	Country Applies Filing (ation No:		
C.	Applica	ovisional applications filed within 12 ation No: 06/265,272 late: January 31, 2001	2 months prior to this U.S	. Application
		PRIORITY CI	AIM (35 U.S.C. §120)	
internation subject manner informal likelihooissue as	matter of provided ation that a column that a column that a column	the benefit under Title 35, United Statistication(s) designating the United Statistication(s) designating the United Statistication of the claims of this applicated by the first paragraph of Title 35, It is material to the examination of this reasonable Examiner would consider the which occurred between the filing date of this application.	tates of America that is/are tion is not disclosed in tha United States Code, §112, I s application (namely, info r it important in deciding w	e listed below and, insofar as the at/those prior application(s) in the lacknowledge the duty to disclose rmation where there is substantial whether to allow the application to
	[X] []	No such applications have been filed. Such applications have been filed, a		
		_	Status	

Patented Pending

Abandoned

Serial No. Filing Date

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
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Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glenn	Registration No. 44,713
Greg Leitich	Registration No. 39,745

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052. Greg Leitich 512-469-0063

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or firs	st inventor: Andres Fernadez		
Inventor's signature: Residence: United Post Office Address:	d States 6522-C Cottonwood Circle Dublin, CA 94568	Date:	4/26/02
		Country of Cit	izenship: U.S.A.
Full name of second inve	entor: Marian Mankos		
Inventor's signature:		Date:	
Residence: United Stat	es		
Post Office Address:	333 Presidio Ave #3		
	San Francisco, CA 94115		

Inventor's signature:		Date:
Residence: Unite	ed States	
Post Office Address:	2321 Webster Street Berkeley, CA 94705	
	•	Country of Citizenship: U.S.A
Full name of fourth inv	ventor: Paul C. Allen	
min or router min		.
Inventor's signature:		L)ate·
Inventor's signature:	d States	Date:
Inventor's signature:		Date:

Country of Citizenship: U.S.A.

COMBINED DECLARATION AND POWER OF ATTORNEY

As	a	below	named	inventor,	T	herehv	declara	that	
410	ш	DCION	nancu	miacuror.		HEI CDY	ueciare	LHat:	

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[X] [] []	original divisional continuation continuation-in-part
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10	corda	nce	with 37 CFI	R \$1.	98.									

foreig least o applica countr	n applicat one countr ation(s) fo y other th	foreign priority benefits under Titlion(s) for patent or inventor's certification of the United States of Amor patent or inventor's certificate or an the United States of America filed cation(s) of which priority is claimed	cate or of any PCT internat erica listed below, and have any PCT international appli by me on the same subject	ional application(s) designating at also identified below any foreign leation(s) designating at least one
	[]	No such applications have been file	d.	
	[X]	Such applications have been filed as	follows:	8
A.	Prior fo	oreign/PCT application(s) filed wit variety claims under 35 U.S.C. §	hin 12 mos. (6 mos. for do 119	esign) prior to this application,
Count	try/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.	All fore			design) prior to this
	Country: Applicat Filing da	ion No:		
C.	Applicati	isional applications filed within 12 60/ on No: 06/265,272 te: January 31, 2001	months prior to this U.S. A	Application
		PRIORITY CLA	AIM (35 U.S.C. §120)	
internation subject in manner information likelihoo issue as internation	onal applimatter of provided in that is distant a patent) onal filing	e benefit under Title 35, United State cation(s) designating the United State each of the claims of this application by the first paragraph of Title 35, United by the first paragraph of this application.	tes of America that is/are less of is not disclosed in that/thated States Code, §112, I are application (namely, information it important in deciding who	isted below and, insofar as the hose prior application(s) in the eknowledge the duty to disclose lation where there is substantial ether to allow the application to
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Full name of sole or fir	st inventor: Andres Fernadez	
Inventor's signature:		Date:
Residence: Unite	ed States	
Post Office Address:	6522-C Cottonwood Circle Dublin, CA 94568	
		Country of Citizenship: U.S.A.
Full name of second in	ventor: Marian Mankos	
Inventor's signature:	m	Date: 5/16/02
Residence: United Sta	ites // /)	
Post Office Address:	333 Presidio Ave #3	
	San Francisco, CA 94115	

Inventor's signature:		Date:
Residence: Unite	d States	
Post Office Address:	2321 Webster Street Berkeley, CA 94705	
		Country of Citizenship: U.S.A
Full name of fourth inv	entor: Paul C. Allen	
Full name of fourth inv	rentor: Paul C. Allen	Date:
Inventor's signature:	rentor: Paul C. Allen	Date:
Inventor's signature:	d States	Date:

 $Country\ of\ Citizenship:\ U.S.A.$

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As a below named inventor, I hereby declare that:
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country other than the United States of America filed by me on the same subject matter having a filing date befor that of the application(s) of which priority is claimed.
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count	try other th	ry other than the United States of Anterior patent or inventor's certificate or the United States of America file cation(s) of which priority is claimed	any PCT international ap I by me on the same subje	inlication(s) decimating at least and
	[]	No such applications have been file	ed.	
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Cour	ntry/PCT	Application No	Date Filed	Priority Claimed
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В.	All forei U.S. app	ign application(s), if any, filed mor plication	e than 12 mos. (6 mos fo	r design) prior to this
	Country: Applicati Filing da	on No:		
C.	Applicati	isional applications filed within 12 (2) on No: 06/265,272 te: January 31, 2001	months prior to this U.S	. Application
		PRIORITY CLA	AIM (35 U.S.C. §120)	
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	[X] N	To such applications have been filed uch applications have been filed, as	follows:	

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a			Status	
Serial No.	Filing Date	Patented Pending	Abandoned	

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Full name of sole or fir	st inventor: Andres Fernadez	
Inventor's signature:	· -	Date:
Residence: Unite	ed States	
Post Office Address:	6522-C Cottonwood Circle Dublin, CA 94568	
	<i>:</i>	Country of Citizenship: U.S.A.
Full name of second inv	ventor: Marian Mankos	
Inventor's signature:		Date:
Residence: United Sta	tes	
Post Office Address:	333 Presidio Ave #3	

San Francisco, CA 94115

Inventor's signature: Affry 1. All	Date: 4/23/02
Residence: United States	
Post Office Address: 2321 Webster Street	
Berkeley, CA 94705	
,	Country of Citizenship: U.S.A
Full name of fourth inventor: Paul C. Allen	· · · · · · · · · · · · · · · · · · ·
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	Date:
Inventor's signature:	Date:
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	[]	No such applications have l	been filed.			
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C.	US Prov	isional applications filed wi	ithin 12 months	prior to this U.	S. Application	
	Applicate Filing da	ion No: 06/265,272 te: January 31, 2001				
PRIORITY CLAIM (35 U.S.C. §120)						
internation subject in manner informat likelihoo issue as	onal appl matter of provided ion that i d that a r a patent)	ication(s) designating the Un each of the claims of this a by the first paragraph of Titles as material to the examination easonable Examiner would of	nited States of Application is not le 35, United State of this applicationsider it impo	America that is/a ot disclosed in the ates Code, §112, tion (namely, intertant in deciding	United States application(s) or PCT are listed below and, insofar as the hat/those prior application(s) in the I acknowledge the duty to disclose formation where there is substantial whether to allow the application to ication(s) and the national or PCT	
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				Stan	IS	

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Inventor's signature:	•	Date:	
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Post Office Address:	333 Presidio Ave #3		

San Francisco, CA 94115

Full name of third inve	entor: Jeffrey S. Sullivan	
Inventor's signature:	•	Date:
Residence: Unite	ed States	
Post Office Address:	2321 Webster Street Berkeley, CA 94705	
		Country of Citizenship: U.S.A
Post Office Address: 1	Hand Called States Pla	Date: April 29, 2002

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